$\mathcal{S}$ Cobra®

CIR 1000 A
CIR 1000 E

WIFI INTERNET RADIO

Instruction Manual

Nothing Comes Close to a Cobra®

Safety Information

CAUTION:
TO REDUCE THE RISK OF ELECTRIC SHOCK:
DO NOT REMOVE SCREWS, COVERS OR THE CABINENT.
NO USER SERVICING PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
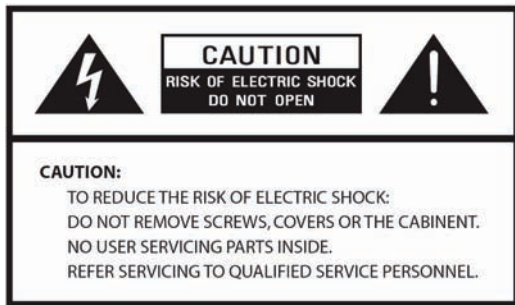
The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of electrical shock, fire, etc.:

1. Read these instructions.
2. Keep these Instructions.
3. Heed all Warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth. For stubborn stains, use a soft cloth dampened with a weak solution of mild detergent and water. Dry the apparatus immediately afterwards with a clean cloth. Do not use abrasive clothes, thinners, alcohol, or other chemical solvents, because they may damage the finish or remove the panel lettering.

7. Do not block any ventilation openings. The ventilation shall not be impeded by covering the ventilation openings with items, such as newspapers, table cloths, curtains, etc.
8. Do not install near any heat source such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding - type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus. If the power cord is damaged, it must be repaired by a qualified repairer.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

PORTABLE CART WARNING

13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is

damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

15. The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

16. The main plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

17. Please read Rating Labels at the bottom of the Sender and Receiver for power input and other safety information.

FCC

This device complies with Part 15 of the FCC Rules Operation that is subject to following two conditions:

(1) This device may not cause harmful interference and,

(2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

Contents

Package Content

Main unit	
Instruction manual	

Internet Radio Quick start Guide

What you need before you can use your Internet Radio

Before you use your Internet Radio, you need the following:

LAN Setting:

- Make sure the internet environment is ready and the network setting is available for LAN (ADSL or Cable Modem is highly recommended).
- To find the Radio's LAN MAC address, Please follow:
  Main menu → System setup → Internet setup → View settings→ MAC Address

Wireless LAN Setting:

- A broadband Internet connection.
- A wireless access point (Wi-Fi) connected to your broadband Internet, preferably via a router.
- If your wireless network is configured to use Wired Equivalent Privacy (WEP) or Wi-Fi Protected Access (WPA) data encryption then you need to know the WEP or WPA code so you can get the Internet Radio to communicate with the network.
- If your wireless network is configured for trusted stations you will need to enter the Radio's MAC address into your wireless access point. To find the Radio's MAC address use menu items as follows:
  Main menu → System setup → Internet setup → View settings→ MAC Address
- To enter the MAC address into your wireless access point, you must read the instructions supplied with the wireless access point.

Before you continue, make sure that your wireless access point is powered up and connected to your broadband Internet, or your LAN cable is inserted properly into the LAN socket. To get this part of the system working, read the instructions supplied with the wireless access point and LAN connection.

Controls Overview (a)
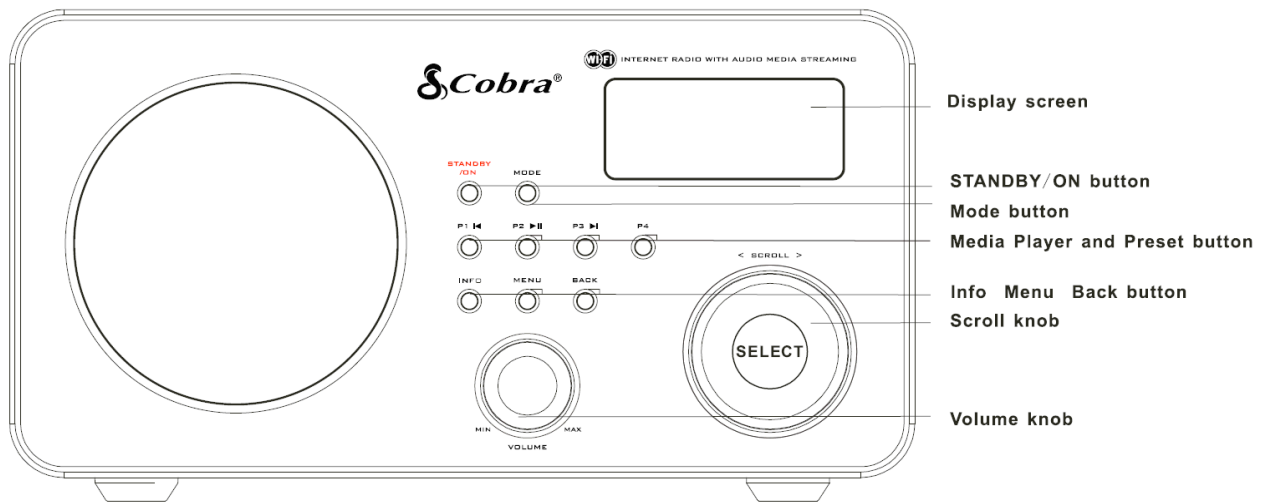
Unit Front view

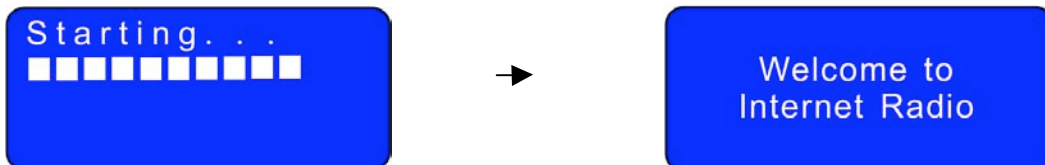| Control	Internet radio	FM mode	Music Player	AUN IN mode
STANDBY /ON	Press to turn on/off Radio			
MODE	Press to scroll through Internet Radio, Music Player, FM Mode and Auxiliary Input.			
P1 ⏮	Press and hold to save Preset station P1, P2, P3 or P4;		Previous Track	
P2 ▶❚❚			Play/Pause	
P3 ▶❚	Press to load Preset station P1, P2, P3 or P4.		Next Track	No function
P4			No function	
INFO	Press to display Queue information			
MENU	Press to Main menu and other options			
BACK	Go back to previous menu page			
VOLUME	Increase volume by turning the knob clockwise Decrease volume by turning the knob counter-clockwise			
< SCROLL > (SELECT)	a. Turn the knob to change options, press to select b. **FM mode:** press to search next available station			No function

Controls Overview (b)

Antenna

AUX IN socket

refer note 1

LAN socket

Headphone socket

refer note 2
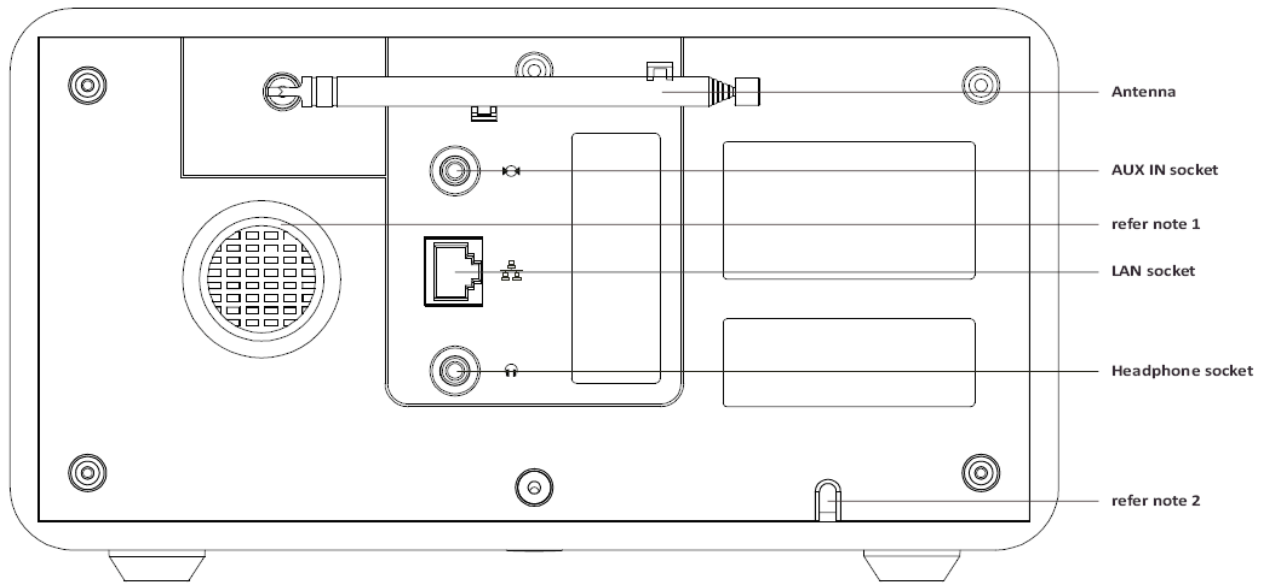
UNIT BACK VIEW

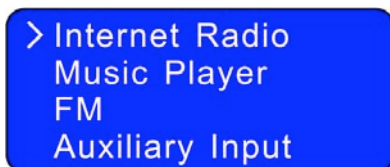| Socket	Description
AUX IN	Connects to the external audio device
Headphone	Connects to the headphone
LAN	Connects to the LAN cable
note 1:	Designed to help inner airflow from the Loudspeaker to vent
note 2:	AC power cord door.

Connecting to wired network

Step 1 - Power up Radio

First, connect to your Internet Radio adaptor and ensure the Power LED is lighting up. The Radio can be switched on or off with the **STANDBY/ON** button.
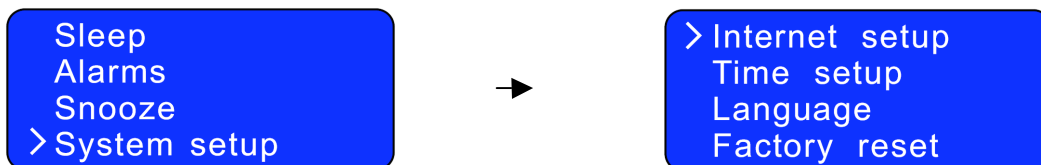
```
Starting...
■■■■■■■■■■
```
➡
```
Welcome to
Internet Radio
```

Later, it will say:

```
> Internet Radio
  Music Player
  FM
  Auxiliary Input
```

✎ **Note**: Make sure LAN cable is connected to the LAN socket.

Step 2 – Choose LAN Setting

1. Rotate the **Scroll knob** to <**System setup**>, and press to confirm.

```
  Sleep
  Alarms
  Snooze
> System setup
```
➡
```
> Internet setup
  Time setup
  Language
  Factory reset
```

2. With the cursor pointing to <**Internet setup**>, press to confirm, and then rotate the **Scroll knob** to <**Manual settings**>, and press to confirm.

```
> Wizard
  PC settings
  View settings
  Wlan region
```
➡
```
  PC settings
  View settings
  Wlan region
> Manual settings
```

3. With the cursor pointing to <**Wired**>, press to confirm, and then rotate the **Scroll knob** to <**DHCP enable**>, and press to confirm.

```
> Wired
  Wireless
```
➡
```
> DHCP enable
  DHCP disable
```
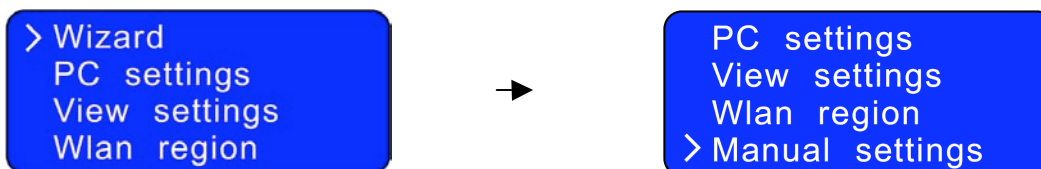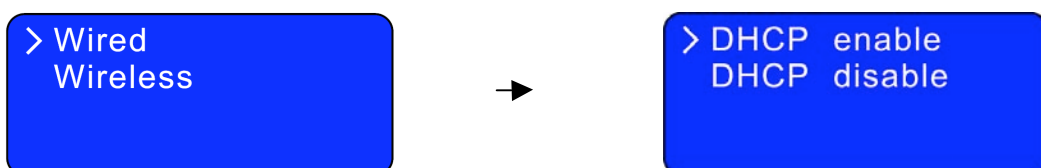
Step 3 – Enter Internet Radio mode

1. Press **BACK** repeatedly to access this mode.

   Or alternatively, simply press **MODE** until <**Internet Radio Mod**e> shows in the display.
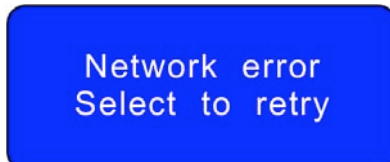
```
> Internet Radio
  Music Player
  FM
  Auxiliary Input
```
or
```
Internet  radio
     Mode
```
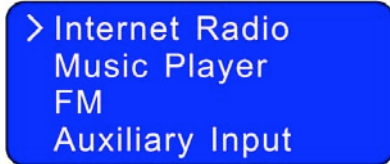
✎ *Note: By pressing **MODE**, you can view Internet Radio, Music player, FM, and Auxiliary Input mode.*

Step 4 – Enter Network

Continue the above steps, and in a few seconds:

```
> My  Favourites
  Stations
  Podcasts
  My  Added  Stations
```

Or

```
Network  error
Select  to  retry
```

If this happens, please proceed as follows:

   a. *Check your router, to see that it is working normally or not.*
   b. *Check your LAN cable, and make sure it isn't damaged, and that the cable is inserted correctly into the LAN socket.*

Connecting to wireless network
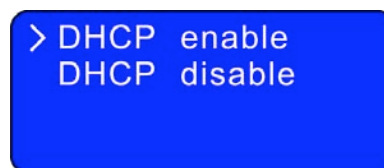
Step 1 – Choose Wlan Setting

✍   *Note*: *a. Unless you set your internet to LAN connection, it will automatically choose WLAN connection, and then skip to step 2 below.*

b. If you have set it to LAN, you may need to do a small operation as follows:

1. Refer to page 6 "choose LAN setting", rotate the **Scroll knob** to <**Wireless**>, and press to confirm.

```
  Wired
> Wireless
```
or
```
> DHCP  enable
  DHCP  disable
```
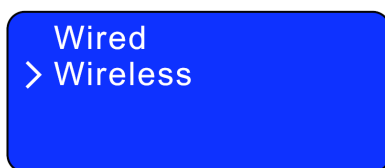
2. With the cursor pointing to <**DHCP enable**>, press to confirm.

Step 2 – Select Your Region

1. Rotate the **Scroll knob** to <**Internet radio**>, and press to confirm.

✍   *Note*: *If you make a mistake at any point, press the BACK button to go back to the previous screen.*

Then the display will show a list of regions for you to choose.

```
  Please select
  Wlan region
```
➜
```
> Most  of  Europe
  USA
  Canada
  Spain
```
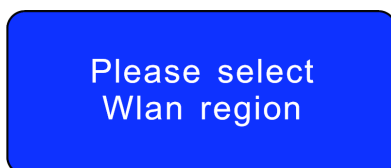
2. Rotate the **Scroll knob** to your region, and press to confirm. The Radio will save it in memory.

```
  Network  wizard
  Scanning
```
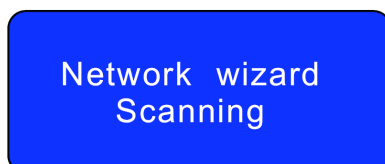
After a few minutes, it will ask you to enter a network.

Step 3 – Entering A Network
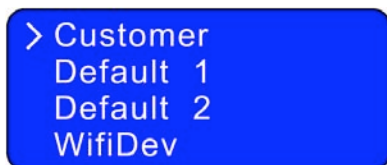
- In some cases the Radio may find more than one network. Rotate the **Scroll knob** to cycle through the name list, and press this knob when the name of your network is displayed

- If your network is not configured to request a password (WEP/WPA), **the** Radio will connect to the network and display:
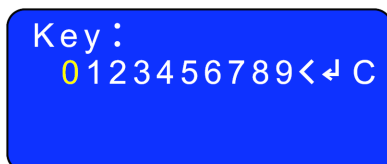
```
> My Favourites
  Stations
  Podcasts
  My Added Stations
```

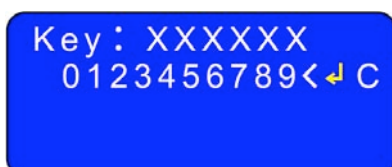- If a WEP/WPA key (password) is required, the Radio will display the following:

```
> Customer
  Default 1
  Default 2
  WifiDev
```

- Rotate the **Scroll knob** to your desired one, and press to confirm.

- After a few seconds, the Radio will ask you to input the WEP/WPA code and will display the password entry screen as follows:

```
Key:
  0123456789<↵C
```

a. Rotate the **Scroll knob** to cycle through the alpha-numeric character list. Press to select an appointed character.

b. If you input a wrong character, scroll to the '<' icon and then press **Scroll knob** to delete it.

c. Press **BACK** to scroll up or down to the last or next line.

d. Select the **C** icon to return to the previous page.

e. After your input is complete, scroll to the '↵' icon, and then press the **Scroll knob** to try to access the internet.

```
Key: XXXXXX
   0123456789<↵C
```

It should now successfully connect to your network.

> My Favourites
  Stations
  Podcasts
  My Added Stations

✎ **Note**: *a. WEP/WPA pass codes are case-sensitive.*

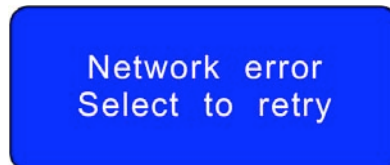*b. The Radio will automatically save the WEP/WPA code. Therefore , it is not necessary to re-enter it*

*unless you perform a <**Factory reset**>.*

Or, if it says:

Failed
to connect
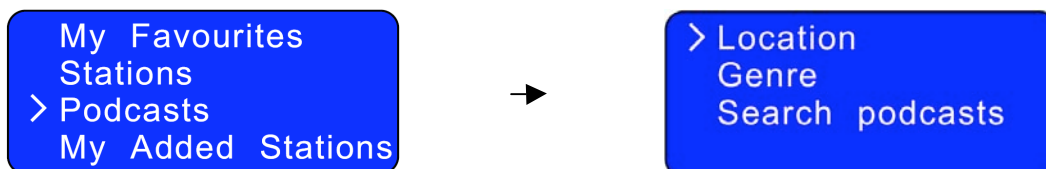
or

Network error
Select to retry

If this happens, please follow these steps:

A. *Check your router to see if it is working normally or not.*

B. *Relocate your radio to a stronger signal position.*

C. *Make sure your password is input correctly.*

How to select a Podcast

1. After your radio has successfully connected to the network, rotate the **Scroll knob** to <**Podcasts**>,
   and then press to confirm.

  My Favourites
  Stations
> Podcasts
  My Added Stations

➡

> Location
  Genre
  Search podcasts

2. Rotate the **Scroll knob** to your favorite option, press to confirm, and then follow step by step to select
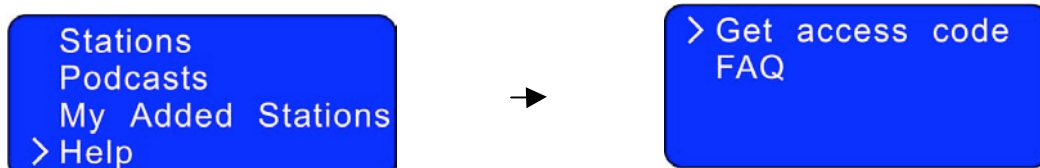   your favorite program.

How to get an Access code

1. After your radio has successfully connected to the network, rotate the **Scroll knob** to <**Help**>, and
   press to confirm.

  Stations
  Podcasts
  My Added Stations
> Help

➡

> Get access code
  FAQ

2. With the curser pointing to <**Get access code**>, press to confirm. You will now have your access
   code.

How to add stations to 'My favourites'

☺   1. visit website: http://www.wifiradio-frontier.com

☺   2. Click on the register link.
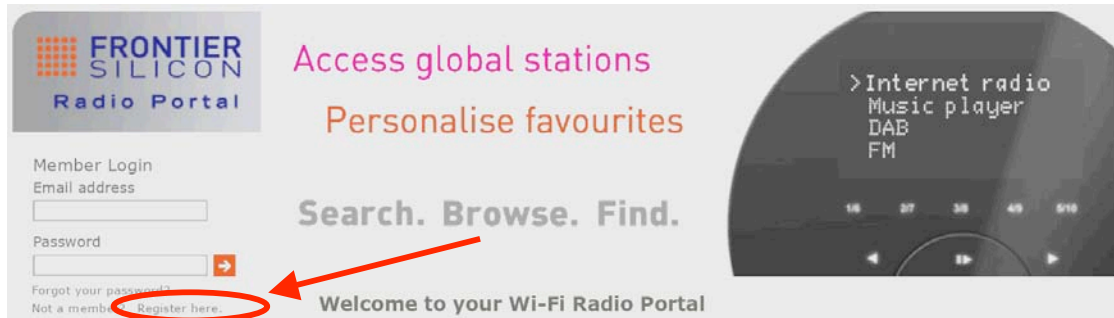
☺   3. To create account login, you need to input your radio's **Access Code** (refer to page 10).

✎   *Note: When visiting this website as a member, please remember your registered '**Email address**' and '**Password**'*

☺   4. You will now be able take advatage of various additional features and services offered by the Frontier Internet Radio Portal.
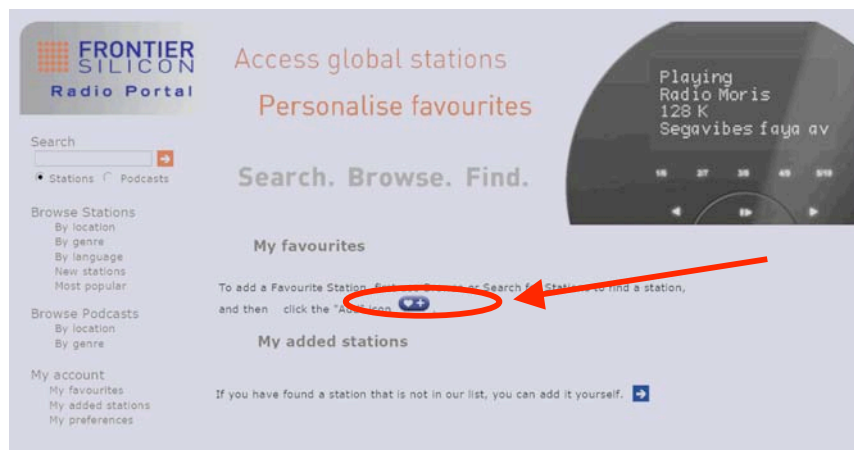
☺   5. Two steps on how to play

a.   *With the curser pointing to<**My Favourites**>, press to confirm*
b.   *Rotate the **Scroll knob** to your favorite option, press to confirm, and it will then load.*

✎   *Note: '**My Favourites**' stations which have been added will show up in '**My Favourites**' subdirectory. Doing a '**Factory reset'** cannot erase them.*

How to add stations to 'My Added Stations'

☺ 1. visit website: http://www.wifiradio-frontier.com

☺ 2. Login as a member(see previous page to register).

☺ 3. You will now be able take advatage of various additional features and services offered by the Frontier Internet Radio Portal.
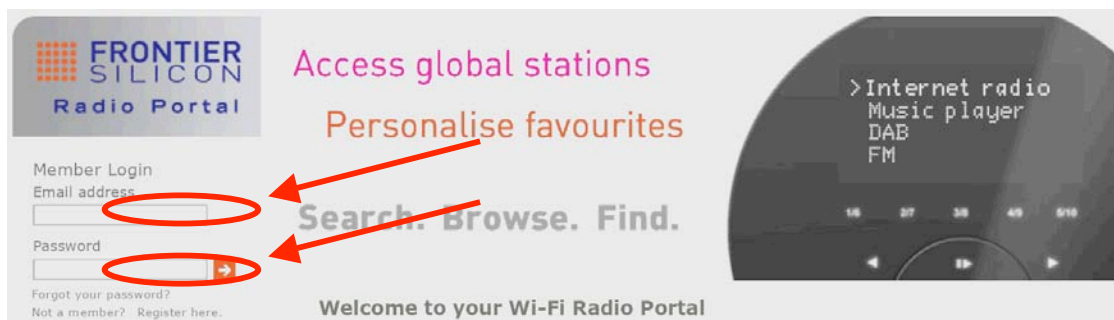

☺ 4. Two steps on how to play

a. *With the cursor pointing to<**My Added Stations**>, press to confirm.*

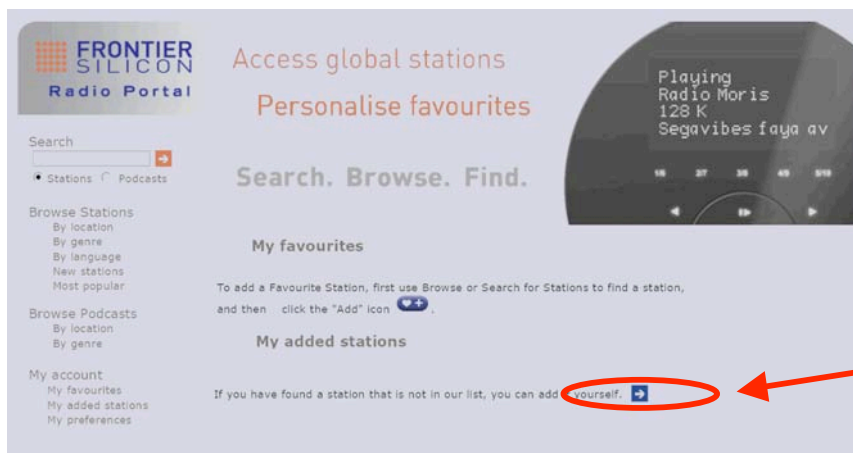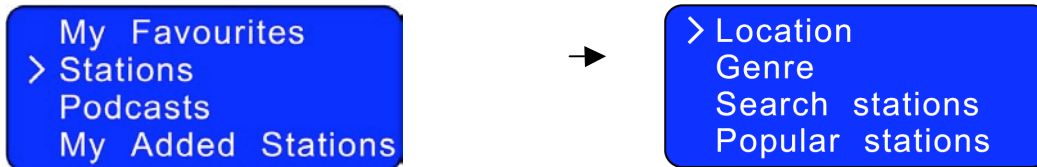b. *Rotate the **Scroll knob** to your favorite option, press to confirm and it will then load.*

✎ **Note**: '**My Added Stations**' stations which have been added, will show up at '**My Added Stations**' subdirectory. Doing a '**Factory reset**' cannot erase them.

Choosing a station

After your radio has successfully connected to the network, you are now ready to select a station.

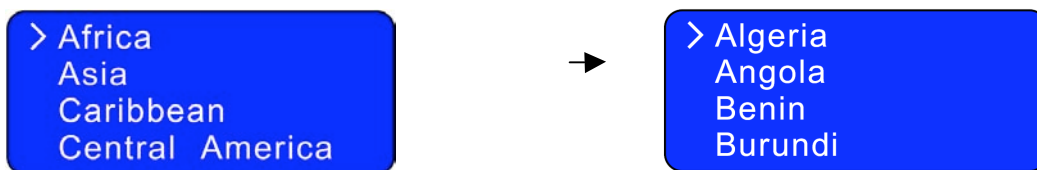1. Rotate the **Scroll knob** to <**Stations**>, and press to confirm.

```
   My Favourites
 > Stations
   Podcasts
   My Added Stations
```
➜
```
 > Location
   Genre
   Search stations
   Popular stations
```

    ✍ *Note: There are five options available to select a station.*

2. Rotate the **Scroll knob** to your desired option, and then press to confirm.

■ With the cursor pointing to <**Location**>, press to confirm, and then follow step by step to select your desired program.

    ✍ *Note: <**Location**> will give you an alphabetical list of continents/regions and then a list of countries.*

```
 > Africa
   Asia
   Caribbean
   Central America
```
➜
```
 > Algeria
   Angola
   Benin
   Burundi
```

■ At step 2 above, you can also rotate the **Scroll knob** to <**Genre**>, press to confirm, and then follow step by step to select your ideal program.

    ✍ *Note: <**Genre**> enables you to choose radio stations according to their content, for example Classic Rock, Sport, News, etc.*

```
   Location
 > Genre
   Search stations
   Popular stations
```
➜
```
   Alternative
   Ambient
   Big Band
 > Bluegrass
```
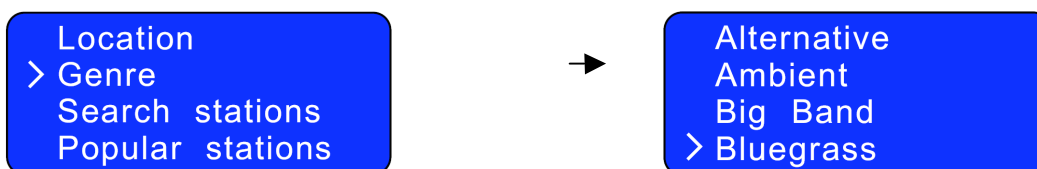
Station Updates

Occasionally, your radio will show you that it is receiving an updated station list. It does this automatically and periodically, ensuring your radio always has the latest station directory on-board.

Music Player Operation Mode

✎ *Note: To operate this function, please first read the appendix on page 27.*

1. Switch your radio on and press **MODE** repeatedly until <**Music Player Mode**> appears.

> Music Player
> Mode
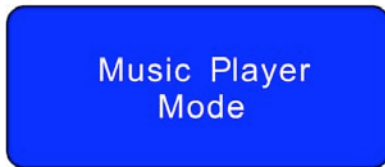
Or enter <MAIN MENU>, and rotate the **Scroll knob** to <**Music Player**>, and then press to confirm.

The following is displayed:

> > Shared media
> > Shared folders
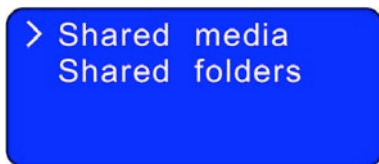
A. PLAYING SHARED MEDIA

1. With the cursor pointing to <**Shared media**>, press to confirm.

2. According to your personal settings, follow step by step to your desired one and then enjoy.

B. PLAYING SHARED FOLDERS

1. With the cursor pointing to <**Shared media**>, rotate the **Scroll knob** to <**Shared folder**>, and press to confirm.

> > Shared media
> > > Shared folders
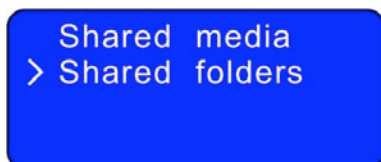
2. According to your personal settings, follow step by step to your desired folder, then visit it and load your favourite program.

FM Operation Mode

1. Press the **MODE** button repeatedly until <**FM Mode**> appears.

Or enter <**Main menu**>, rotate the **Scroll knob** to <**FM**>, and then press to confirm.

2. For initial use, it will start at the beginning of the FM frequency range (87.50MHz). Otherwise, the last FM station you listened to will be selected.
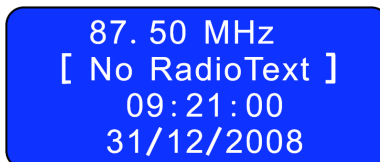
3. Rotate the **Scroll knob** to increase or decrease the frequency by 0.05MHz per step;

✎ *Note*: *For US version, the frequency is 0.10MHz per step.*

4. For '**auto-searching**' active stations, simply press the **Scroll knob**.

✎ *Note*: *For '**auto-searching**' next active station:*

    a. *Simply press the **Scroll knob** again.*

    b. *The unit will display the frequency changes until it stops on the next station*

    c. *After it runs to the end of the frequency range, it will continue it's search from the beginning frequency.*

A. SCAN SETTING

1. Press **BACK** until the cursor points to <**Scan setting**>, and then press to confirm.
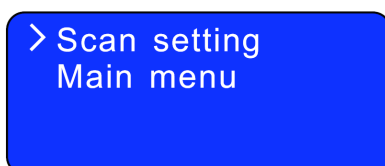
2. Rotate the **Scroll knob** to your desired setting, and then press to confirm.

Setting Station Presets

Your radio can store 4 Internet station presets and 4 FM station presets respectively.

To store the current station:

Press and hold any one of the 1-4 button for 2 sec., and it will display 'Preset stored':

```
Tianjin Radio Mu
  Preset stored
    09:21:50
  31/12/2008
```

Selecting a Preset station

To select a stored station:

1. Enter corresponding mode
2. Simply press the corresponding preset button.

   Then radio will load that station immediately.

✎ *Note*:   *Do not hold the button of a stored station down - if you do so, the currently playing station will overwrite the stored one in the preset.*

How to change the Station Information

● It is possible to view the information that is displayed on the second line of the display when listening to a program. To view this information, press the **INFO** button repeatedly.

● In <**Auxiliary Input mode**>, this function is out of service.

AUX IN Operation Mode

1. To listen to an external audio source, press the **MODE** button repeatedly until <**Auxiliary Input Mode**> appears in the display.

```
Auxiliary Input
     Mode
```

Or enter <**Main Menu**>, and then rotate the **Scroll knob** to <**Auxiliary Input**>, and press to confirm.

2. Connect one end of the audio cable to the headphone (or auxiliary out) socket of your source device, and the other end to AUX IN socket on the rear of your radio. The radio will display the following:

```
Auxiliary Input
```
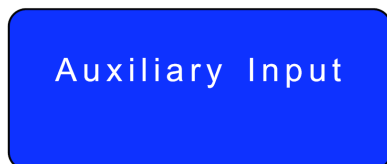
3. To gain optimal volume levels, adjust the output volume level on both the source device and radio itself .

Your radio is now a high quality digital audio speaker system.

✎ *Note: AUX IN enables quick and easy connection to an MP3 player or other external sound sources.*

General Operations

Setting the Clock

1. At <**Main menu**> subdirectory, rotate the **Scroll knob** to <**System setup**>, and press to confirm.

```
   Sleep
   Alarms
   Snooze
  >System setup
```
➡
```
 >Internet setup
   Time setup
   Language
   Factory reset
```

2. Rotate the **Scroll knob** to <**Time setup**>, and press to confirm.

```
   Internet setup
  >Time setup
   Factory reset
   Software update
```
➡
```
 >Set clock
   Set date
   Auto update
   Set Time Zone
```

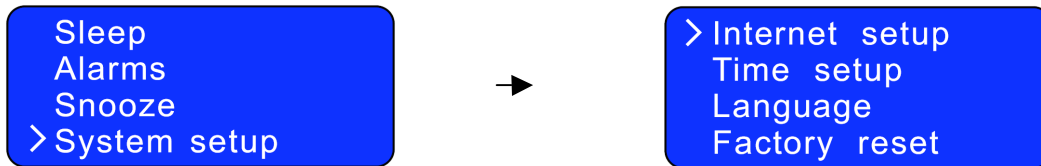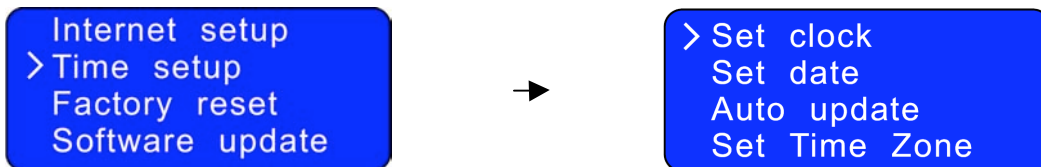3. With the cursor pointing to <**Set clock**>, press to confirm. It will ask you to set the hour.

```
       Set time
       00:00
```
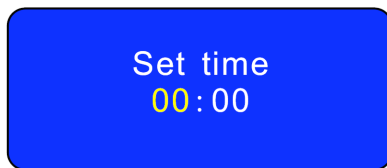
4. Rotate the **Scroll knob** to change the hour, and press to confirm. Now, it asks you to set the minute.

```
       Set time
       09:00
```
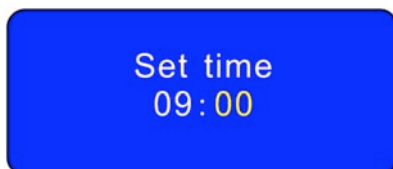
5. Set the minute by using the **Scroll knob**.

6. Rotate the **Scroll knob** to <**Set date**>. Set the date by using the same method.

```
   Set clock
  >Set date
   Auto update
   Set Time Zone
```
➡
```
       Set date
     01-01 - 2007
```
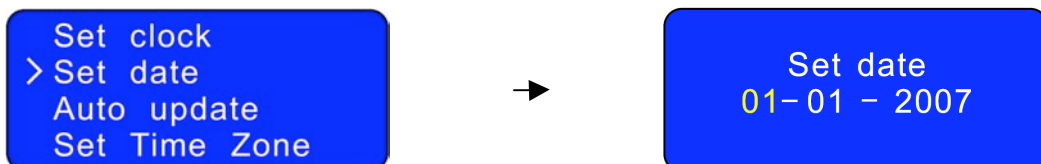
● *<u>You can also set the clock through 'Auto Update'</u>*

✎ **Note**: *For <**Auto update**>, please ensure your Radio is successfully connected to the Internet.*

1. At step 2 on the previous page, rotate the **Scroll knob** to <**Auto update**>, and press to confirm.

```
  Set  clock
  Set  date
> Auto  update
  Set  Time  Zone
```

➤

```
> Update  from  NET*
  No  update
```

2. Rotate the **Scroll knob** to <**Update from NET**>, and press to confirm.

● *Greenwich Mean Time (GMT) ---------- for your clock settings*

1. At above step 2 on the previous page, rotate the **Scroll knob** to <**Set Time Zone**>, and press to confirm.

```
  Set  clock
  Set  date
  Auto  update
> Set  Time  Zone
```

➤

```
  Set Time Zone
  GMT    0.0
```
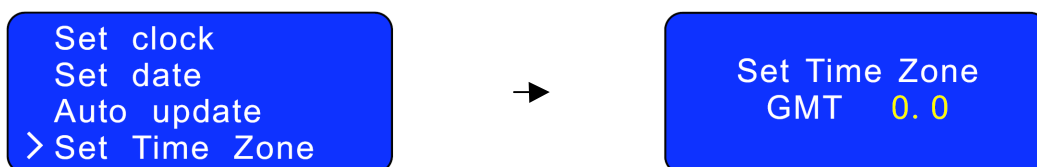
2. To obtain Your Local Timezone = GMT ± _?_ hour. Please visit website:

http://wwp.greenwichmeantime.com

Take the '**UK-Time Zone**' for example:

A. *If you are in the UK now, click proceed to the above website.*

.

B. *Once at the above website, Click '**UK**' from the left column.*

What is the current time - United Kingdom (UK)?

User Timezone	GMT (Western Europe Standard Time) 12:27:54	GMT
8:27 p.m. Friday, 28 November 2008	12:27 p.m. p.m. Friday, 28 November 2008	12:27 p.m. Friday, 28 November 2008

Friday, 28 November 2008
Time synchronized to the NTP network and should be accurate to within 1 second.
The clock will automatically re-synchronize in 214 seconds.

3. Rotate the **Scroll knob** clockwise or counter-clockwise to increase 0.5 hour or decrease 0.5 hour per step.

```
  Set Time Zone
  GMT +  0.5
```

➤

```
  Set Time Zone
  GMT −  0.5
```
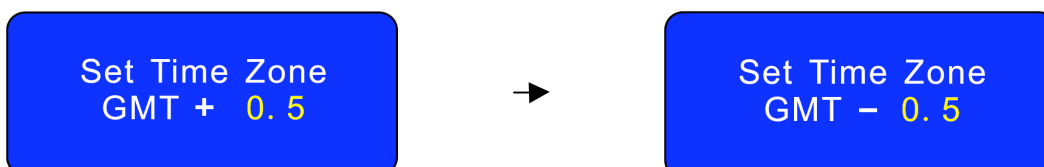
4. After adjusting to the correct time, press the **Scroll knob** to confirm.

Sleep Function

1. At <**Main menu**> subdirectory, rotate the **Scroll knob** to <**Sleep**>, and press to confirm.

```
 Music  Player
 FM
 Auxiliary  Input
> Sleep
```
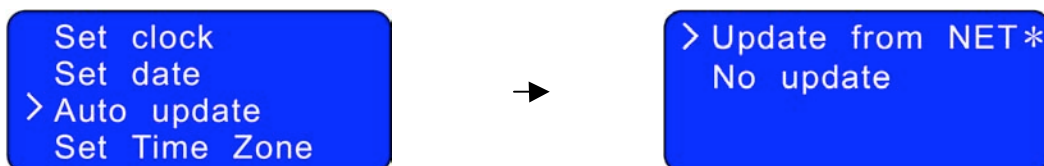�![arrow]
```
 Set sleep time
 sleep time off
```
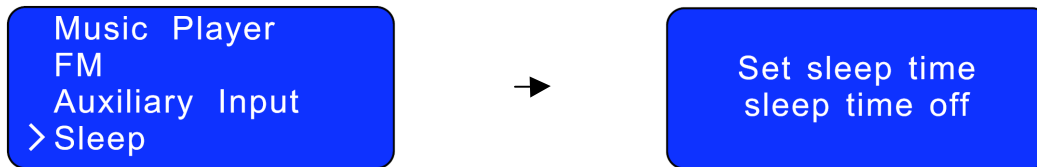
2. Rotate the **Scroll knob** to define the sleep period between 0 – 90 minutes, and press to confirm.

```
 Set sleep time
 15 minutes
```
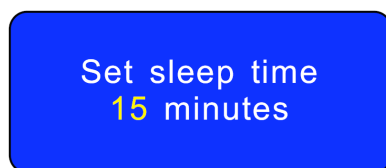
✎ **Note**: a. The time interval is 15 minutes per step.

b. The program will turn off after a pre-defined period of time.

3. Select <**Sleep**> option again, and then press the **Scroll knob** to show the amount of time until it will expire.

```
 Set sleep time
 12 minutes
```
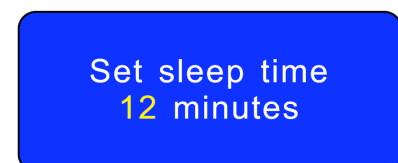
4. The Radio will automatically return to standby mode after the set time has elapsed.

Setting Alarm

✎ **Note**: *Before setting the alarm, please set the time first.*

1. At <**Main menu**> subdirectory, rotate **Scroll knob** to <**Alarms**>, and press to confirm.

```
> Internet Radio              FM
  Music Player                Auxiliary Input
  FM                          Sleep
  Auxiliary Input          > Alarms
```
➡

2. Rotate **Scroll knob** to choose an alarm, and press to confirm.

```
> Alarm1: Off              > Time: 12:00 AM
  Alarm2: Off                Days: Daily
                             Off
                             Mode: Internet
```
➡

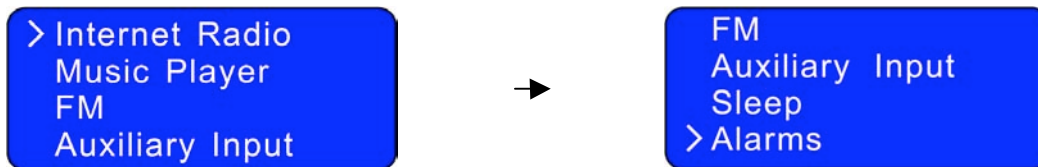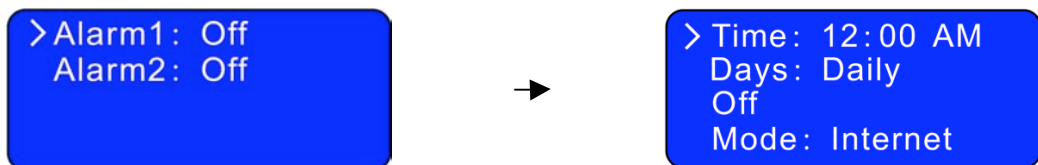3. With the cursor pointing to '**Time: 12:00 AM**', press **the Scroll knob** to confirm. The setting principle is the same as '**set time**'.

```
  Set alarm time            Set alarm time
    12:00 AM                  09:15 AM
```
➡
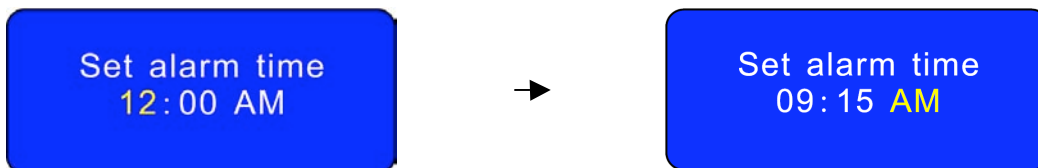
4. Rotate the **Scroll knob** to '**Days: Daily**', and press to confirm. Then rotate the **Scroll knob** to your desired one, and press to confirm.

```
  Time: 09:15 PM           > Daily
> Days: Daily                Once
  On                         Weekdays
  Mode: Internet             Weekends
```
➡
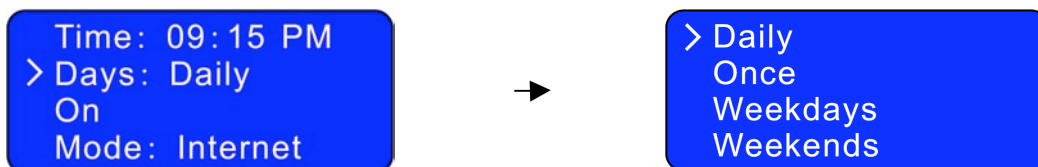
✎ **Note**: *after you complete the 'Set alarm time', the alarm status automatically turns from 'Off' to 'On'.*

5. Rotate the **Scroll knob** to '**Mode: Internet**', and press to confirm Then rotate the **Scroll knob** to your desired one, and press to confirm.

```
  Days: Weekdays             Buzzer
  Days: Daily              > Internet Radio
  On                         FM Mode
> Mode: Internet
```
➡

At this step, you can also jump over '**Mode: Internet**' to '**Last listened**' to set the alarm sound mode.

6. Finally, you need to rotate the **Scroll knob** to '**Save**', and then press to confirm.

```
On
Mode: Internet
Last listened
> Save
```
➔
```
Alarm
Saved
```
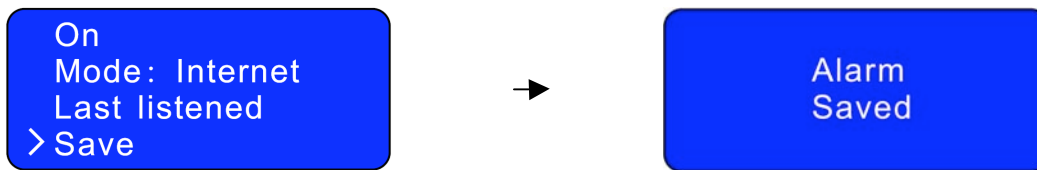
The display will show "Alarm Saved" for 3 seconds, and will then return to current Radio station display.

When the **Radio** is in standby mode, the Alarm icon (⚓) will be displayed on-screen.

```
09:15:01 PM  ⚓
11/26/2008
```

- **To deactivate the Alarm**, press any button except **VOLUME**.

  ✍ *Note: if you press the **Scroll knob** you temporarily deactivate the alarm. See **Snooze Function** on the following page.*

- **To cancel the Alarm** you need to switch the alarm from '**On**' to '**Off**', and remember to save your settings.

  Or alternatively, perform a '**factory reset**'.

```
Time: 09:15 PM
Days: Daily
> Off
Mode: Internet
```
➔
```
Alarm
Saved
```
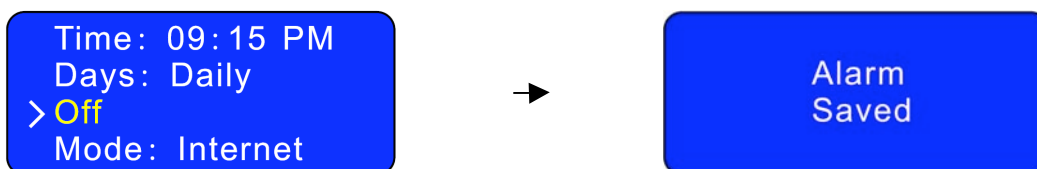
  ✍ *Note: The Alarm volume level can be adjusted to your desired level before turning OFF the unit, and stored in memory. If you set the **Volume knob** to min., you may not hear the alarm when it sounds.*

Snooze Function

✎ *Note: The snooze function is an option related to the Alarm function.*

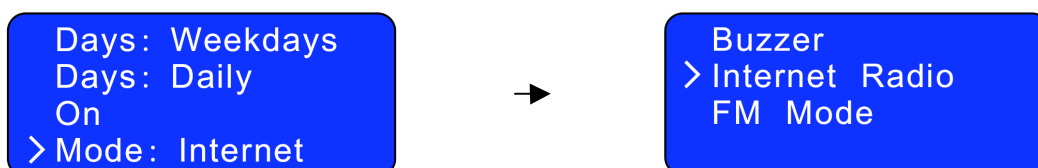1. At <**Main menu**> subdirectory, rotate the **Scroll knob** to <**Snooze**>, and press to confirm.

Auxiliary Input Sleep Alarms ＞Snooze	➔	Set snooze time 5 minutes
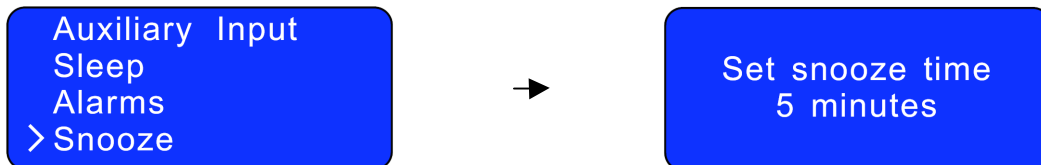
2. Rotate the **Scroll knob** to define the snooze period which is between 5 – 30 minutes, and press to confirm.

Set snooze time
15 minutes
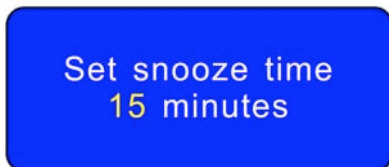
✎ *Note: The snooze interval time is 5 minutes per step.*

3. When the alarm is sounding – if you press the **Scroll knob** to stop it, the next radio alarm will be based on your snooze time setting.

✎ *Note: In standby mode, both the snooze icon and the remaining time before the next alarm will be displayed.*

09:15:02 PM ⚓
04:58 Zz

4. When the alarm sounds again, if you press the **Scroll knob**, it will be repeat step 3 above. Or press any other button (except volume) to deactivate it.

SW Version and Radio ID

🖎 *Note*: *This information may be required when dealing with technical issues.*

1. It can be activated from <**Main menu**>➔ <**Info**>, press to confirm.
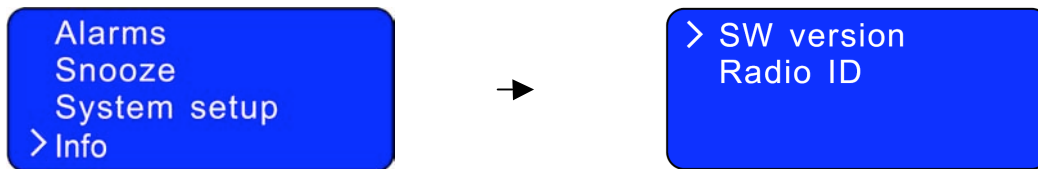
2. With the cursor pointing to <**SW version**>, press to confirm.

3. To obtain the radio ID, rotate the **Scroll knob** to <**Radio ID**>, and press to confirm.

Returning To Main Menu

a. Simply press **MENU** button, and then rotate the **Scroll knob** to < **Main menu** >.

b. You can also move back to the Radio's top-line < **Main menu** > by pressing the **BACK** button.

Changing Volume

To change volume, rotate the **Volume knob.**

System Setup Operations

Network setup

☺ **The purpose of doing is:**

a. *To enable you to scan again for connection to another wireless network,*

b. *To let you manually configure the network parameters.*

c. *To let you take your radio to another location where you want to use it.*

1. It can be activated from <**Main menu**>➔ <**System setup**>, press to confirm.

```
  Sleep                      > Internet  setup
  Alarms           ➤           Time  setup
  Snooze                       Language
> System setup                 Factory  reset
```

2. With the cursor pointing to <**Internet setup**>, press to confirm, and then rotate the **Scroll knob** to your desired settings.

```
> Wizard                       PC  settings
  PC  settings     ➤           View  settings
  View  settings               Wlan  region
  Wlan  region               > Manual  settings
```

3. Press to confirm your settings.

Language

1. At above step 2, rotate the **Scroll knob** to <**Language**>, and press to confirm.

```
  Internet  setup            > English (US)      ✻
  Time  setup      ➤           Danish
> Language                     Dutch
  Factory  reset               Finnish
```
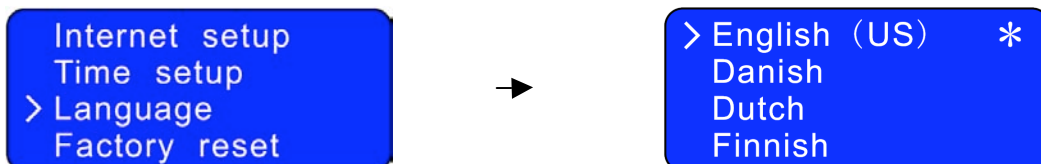
2. Rotate the **Scroll knob** to your desired language, and press to confirm.

Factory reset

🖎 *Note: doing this will completely erase WEP/WPA codes and all user settings, and return the Radio to its default factory settings.*

1. From <**Main menu**>➔ <**System setup**> ➔<**Factory reset**>, press to confirm.

```
 Internet  setup          Press 'INFO' to
 Time  setup       ➔       confirm  reset
 Language
>Factory  reset
```
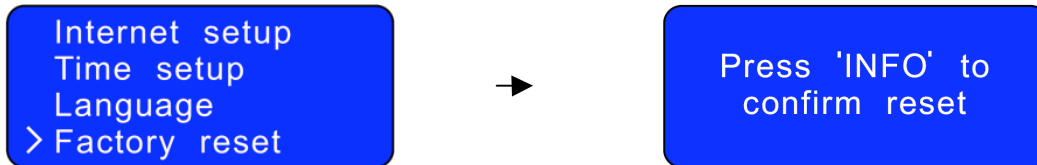
2. Press the **INFO** button to reset.

🖎 *Note: If you want to pause this order before pressing **INFO**, you may press any other button, and your radio will revert to its previous operating condition immediately.*

Software Updates

1. From <**Main menu**>➔ <**System setup**>➔ <**Software update**>, press to confirm.

```
 Sleep                    Time  setup
 Alarms            ➔      Language
 Snooze                   Factory  reset
>System setup            >Software  update
```

2. With the cursor pointing to <**Software update**>, press to confirm.

```
 Checking for  /          Software  up  to
 new versions . . .  ➔          date
```
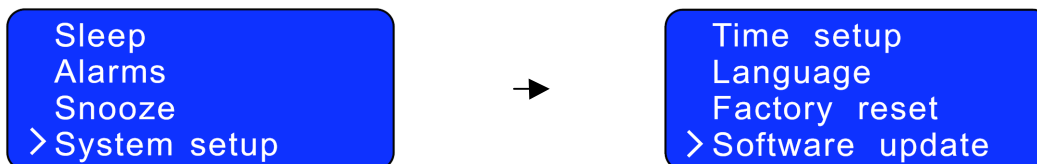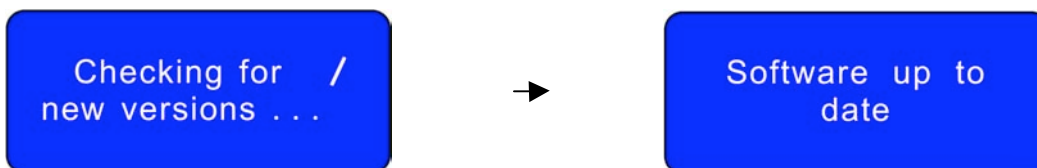
🖎 *Note: software updates can take several minutes, so do not switch off the radio until this procedure has been completed. Otherwise, it may cause damage.*

Appendix

Step 1: Setting Up Media Sharing in WMP 11

After you download and install Windows Media Player 11 for Windows XP and connect your Radio to the network, you need to set up media sharing so that you can share music with your Radio.

The following steps describe how to set up media sharing in Windows Media Player 11.

1. In Windows Media Player 11, click the small arrow below the **Library** tab, and then click **Media Sharing**.
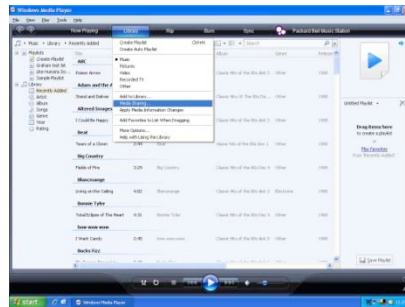
2. In the **Media Sharing** dialogue box, select the **Share my media** check box.
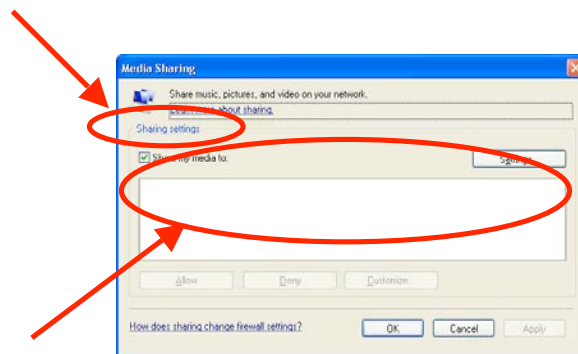
Check the "**share my media to**" box. In the list, click your **Radio ***, click **Allow**, the selected device will show a green tick and then click **OK**.

*   **If your device does not appear in the list of devices, perform the following steps**;

From the "Media Player" menu of your internet Radio select "UPNP Servers"

A list of available computers will appear.

Select the required computer.

Your device will appear in the list. If you want to check that this is your Radio, right click on the device and select "Properties": your Radio's MAC address will be shown.
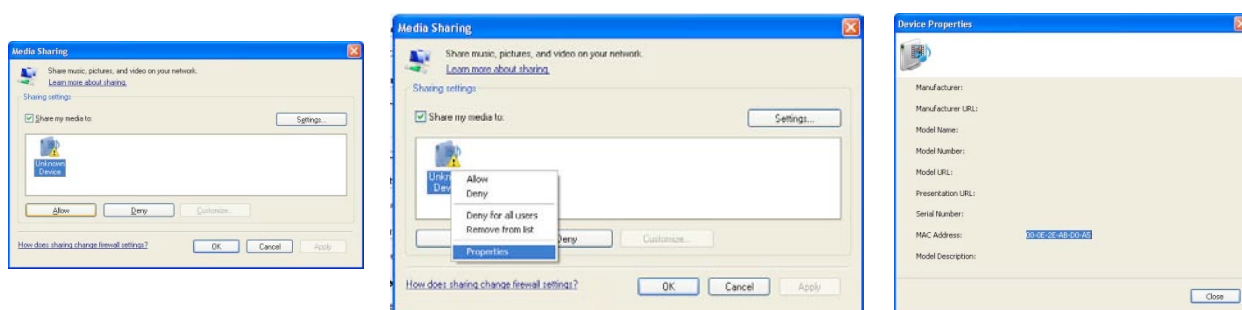
Step 2: Play Music on the Internet Radio.

After installing and configuring your Radio and Windows Media Player 11, you are now ready to play music via a wireless connection.

The following steps describe how to play music with your Radio.

1.   Select "UPNP Servers" in the "Media Player" menu.

2.   Select the computer you wish to play the music files from.

3.   Use the controls to browse according to the following criteria: All Music, Genre, All Artists, Contributing Artists, Album Artists, Composers, Albums, Playlists, Folders or Star Ratings and then press the **scroll knob** button to confirm.

4.   Select the tracks you want to play, then press the Select button.

Set Up Media Sharing in MAC OS

Using the Radio with a MAC will require Windows File Sharing. MAC OS 9 and earlier versions of the OS will need extra software to use Windows File Sharing, but MAC OS X 10.2 and later versions have Windows File Sharing built into the OS.

Set up Windows File Sharing on a MAC

- From the 'Dock', click on 'System Preferences'. From the 'System Preferences' window, under the 'Internet & Network' section, click on 'Sharing'.
- From the 'Sharing' window, do the following:
  - Under the 'Services' section, enable 'Personal File Sharing' and 'Windows Sharing'. In order to do this, tick the corresponding boxes or click on 'Start' for each of these services.
  - Under the 'Firewall' section, switch off the firewall.
  - Under the 'Internet' section, switch off 'Internet Sharing'.

Accounts Setup

- From the 'System Preferences' window, in the 'System' section, click on 'Accounts'. Select an account and remember its 'Short Name' and password. This will be used for the Radio to connect to the MAC.

Directory Setup

- From the 'Dock', click on 'Finder'. From 'Finder', click on 'Applications' then 'Utilities'. Click on 'More Info' for 'Directory Access' and ensure that the 'Read/Write' option is enabled. Double-click on 'Directory Access' and enable the following:
  - AppleTalk
  - LDAPv3
  - SLP
  - SMB/CIFS
- For 'SMB/CIFS', click on 'Configure' and select an appropriate workgroup.
- Copy and paste the mp3 files to 'Documents' in the 'Finder' window.
- Turn on 'AirPort' (wireless sharing).
- Wait for a few minutes.

In the 'Media Player' > 'Windows Shares' menu, enter the MAC account's short name and password. The Radio should then be able to connect the MAC.

Troubleshooting

If you experience any trouble with your wireless Internet Radio, then you may find it useful to visit the help section on our webpage: *http://www.wifiRadio-frontier.com*

If you have trouble connecting the Radio to your wireless network, these steps may help to resolve the problem:

1. Confirm that a Wi-Fi connected PC can access the Internet (i.e. can browse the web) using the same network.

2. Check that a DHCP server is available, or that you have configured a static IP address on the Radio. You can configure a static IP address on the Radio using the menu item 'System setup -> Internet setup -> Manual setting-> Wireless', and then select 'DHCP disable'.

3. Check that your access point does not restrict connections to particular MAC addresses. You can view the Radio's MAC address using the menu item 'System setup -> Internet setup -> View setting-> MAC address'.

4. If you have an encrypted network, check that you have entered the correct key or password into the Radio. Remember that text-format keys are case sensitive. If, when attempting to connect to an encrypted network, your Radio displays: 'Wireless error' followed by a 5-digit number, then please ensure that you enter the correct passphrase for the network. If the problem persists, then you may need to consult your network configuration.

5. If your Radio can connect to the network successfully, but is unable to play particular stations, it may be due to one of the following causes:

a. The station is not broadcasting at this time of the day (remember it may be located in a different time zone).

b. The station has reached the maximum allowed number of simultaneous listeners.

c. The station is not broadcasting anymore.

d. The link on the Radio is out of date.

e. The Internet connection between the server (often located in a different country) and you is slow.

   Try using a PC to play back the stream via the broadcaster's web site.

6. If you can play back the station with a PC, use the form at *http://www.wifiRadio-frontier.com* to notify us so that we can change the station data that is used by the Radio.

Specification

ITEMS	DESCRIPTION
Specifications:	Internet Radio with FM
Power Requirements:	US version: AC Power Input: 120VAC, 60HZ EU version: AC Power Input: 230VAC, 50HZ In use, please refer rear panel silk-screen
Frequency Range:	87.5-108MHz
Rated Output Power:	5Wrms
Speaker:	8 ohm
Headphone Jack:	32 ohm
Dimension:	250x 130 x 130mm

Trademark Information

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Cobra®, Nothing Comes Close to a Cobra® and the snake design are registered trademarks of Cobra Electronics Corporation, USA.

Cobra Electronics Corporation™ is a trademark of Cobra Electronics Corporation, USA

Real and RealAudio™ are trademarks or registered trademarks of RealNetworks, Inc.

Licensing information and requirements

Technology	IP Provider	Required Copy
mp3 format	Thomson Licensing	"MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson"
MPEG-4 HE-AAC	Fraunhofer	"MPEG-4 HE-AAC audio coding technology licensed by Fraunhofer IIS. http://www.iis.fraunhofer.de/amm/"
Real Audio	RealNetworks	"This product contains software. You have the non-exclusive , non-transferable right to use this software in object code form only, solely to operate this product. Ownership of the intellectual property rights in the software in this product remains in the ownership of the party who provided it (or the respective licensor) and all of their respective rights are reserved You are strictly forbidden from modifying, translating, reverse engineering, decompiling, disassembling or using other means to discover the source code of the software in this product or otherwise replicate the functionality of the software in this product except to the extent that this restriction is expressly prohibited by applicable law. Except where this is not possible in the territory where you purchased this product, we do not give any warranties in relation to the operation or performance of the software and neither we nor any of our suppliers or licensors shall be liable to you for indirect, special, incidental and consequential losses such as loss of profits arising out of your use of the software in this product. These terms apply to any updates to the software you may apply to the product. Portions of this software are included under license from RealNetworks, Inc. Copyright 1995-2007, RealNetworks, Inc. All rights reserved."
Windows Media Audio	Microsoft	"This product is protected by certain intellectual property rights of Microsoft. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft."
Windows Media DRM 10	Microsoft	"Content owners use Windows Media digital rights management technology (WMDRM) to protect their intellectual property, including copyrights. This device uses WMDRM software to access WMDRM-protected content. If the WMDRM software fails to protect the content, content owners may ask Microsoft to revoke the software's ability to use WMDRM to play or copy protected content. Revocation does not affect unprotected content. When you download licenses for protected content, you agree that Microsoft may include a revocation list with the licenses. Content owners may require you to upgrade WMDRM to access their content. If you decline an upgrade, you will not be able to access content that requires the upgrade."
Upgrades	Applicable to any upgrade	"If you download a software upgrade to your radio, additional licence terms may apply and these are available at http://www.frontier-silicon.com/audio/eula.htm" The information at this address can be replicated for use on your own website or portal but may be updated without notice